

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	("5670081").PN.	USPAT; USOCR	OR	OFF	2009/02/25 22:10
S2	1	S1 and sulfonate	USPAT	OR	ON	2009/02/25 22:10
S3	4799	aryl adj sulfonate and (emulsion or emulsifier)	USPAT	OR	ON	2009/02/25 22:30
S4	4566	S3 and @ad<"20031112"	USPAT	OR	ON	2009/02/25 22:30
S5	456	S4 and oil adj water	USPAT	OR	ON	2009/02/25 22:31
S6	1	S2 and glycol	USPAT	OR	ON	2009/02/25 22:45
S7	0	S6 and triethanolamine	USPAT	OR	ON	2009/02/25 22:45
S8	1	S6 and ethanolamine	USPAT	OR	ON	2009/02/25 22:45
S9	138	S5 and triethanolamine	USPAT	OR	ON	2009/02/25 23:00
S10	2	S9 and "508".clas.	USPAT	OR	ON	2009/02/25 23:00
S11	2017	alkyl adj aryl adj (sulfonate or sulfonate) and emulsion	USPAT	OR	ON	2009/02/26 17:02
S12	1921	S11 and @ad<"20031112"	USPAT	OR	ON	2009/02/26 17:02
S13	1	alkyl adj aryl adj (sulfonate or sulfonate) near emulsion	USPAT	OR	ON	2009/02/26 17:02
S14	2	alkyl adj aryl adj (sulfonate or sulfonate) near emulsion	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/26 17:03
S15	22	S12 and "508".clas.	USPAT	OR	ON	2009/02/26 17:04
S16	1385	alkyl adj aryl adj (sulfonate or sulfonate) and emulsifier	USPAT	OR	ON	2009/02/26 17:07
S17	1300	S16 and @ad<"20031112"	USPAT	OR	ON	2009/02/26 17:08
S18	20	S17 and "508".clas.	USPAT	OR	ON	2009/02/26 17:08

S19	11	US-3285012-\$.DID. OR US-3808131-\$.DID. OR US-5670081-\$.DID. OR JP- 01266200-\$.DID. OR JP- 10241989-\$.DID. OR US- 9635765-\$.DID.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/02/26 17:14
S20	4	S19 and (sulfonate or sulphonate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/02/26 17:17
S21	7	"PHILLIPS, DEREK".in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/02/26 17:22
S22	6	"OLLINGER, CHRISTIAN". in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/02/26 17:23
S23	19	"KALHAN, SANJAY".in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/02/26 17:23
S24	1075	"THE LUBRI ZOL CORPORATION".as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/02/26 17:26
S25	1091	S21 or S22 or S23 or S24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/02/26 17:27
S26	645	S25 and (sulfonate or sulphonate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/02/26 17:28
S27	77	S26 and (alkyl or arene or aryl) adj (sulfonate or sulphonate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/02/26 17:28

**EAST Search History (Interference)**

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**12/ 18/ 2009 5:38:49 PM****C:\ Documents and Settings\ toladapo\ My Documents\ EAST\ Workspaces\ emulsifier blend  
10578041.wsp**